

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
 Data File : BE092945.D
 Acq On : 6 May 2017 00:45
 Operator : SJ/MA
 Sample : I2893-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 06 01:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

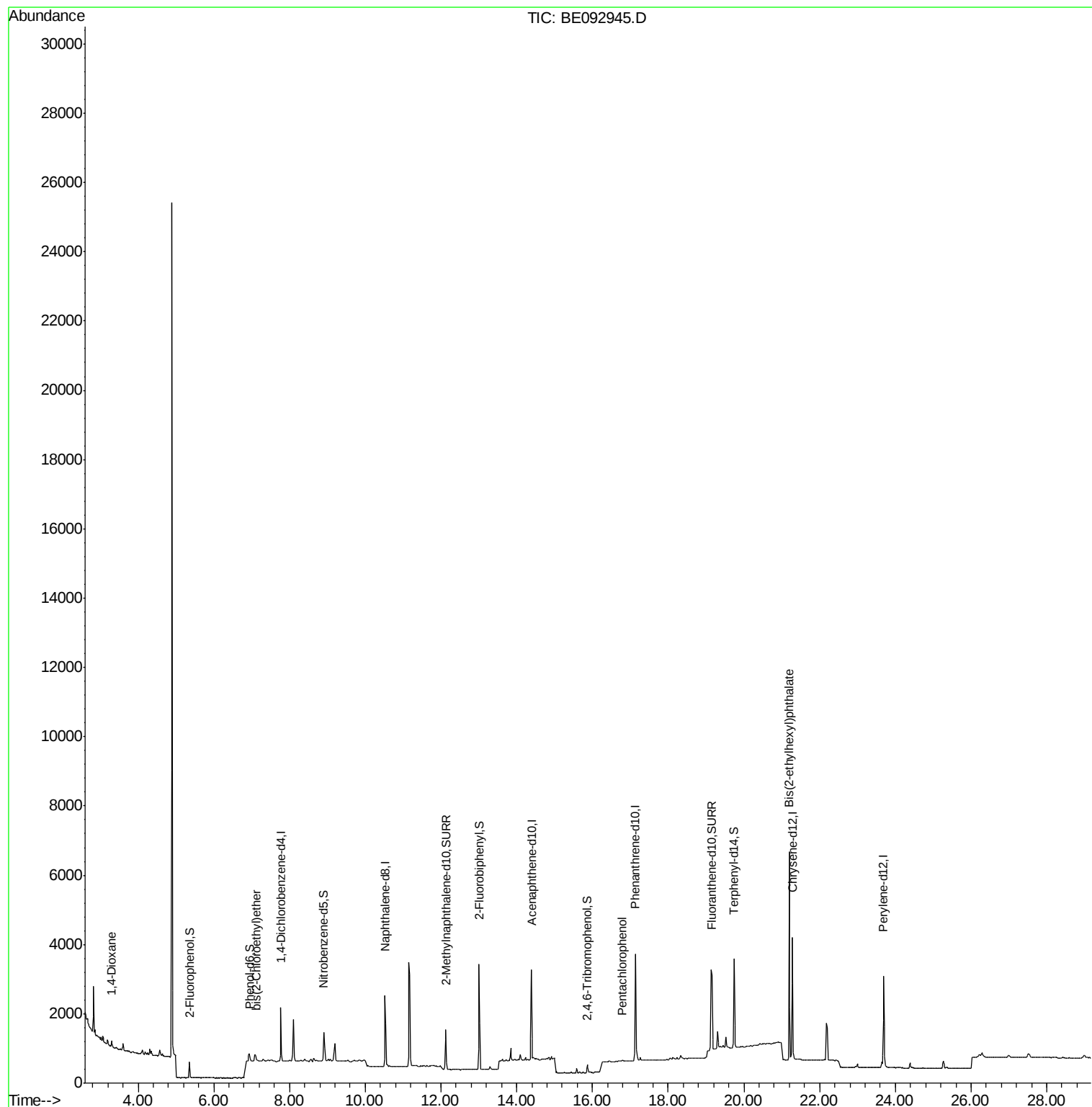
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	748	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3119	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1508	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4057	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4477	0.40	ng	0.00
33) Perylene-d12	23.69	264	4003	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	341	0.20	ng	0.00
5) Phenol-d6	6.94	99	296	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	879	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1789	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	151	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2788	0.40	ng	0.00
24) Fluoranthene-d10	19.15	212	4440	0.47	ng	0.00
28) Terphenyl-d14	19.73	244	3141	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	41	0.03	ng	Qvalue # 1
6) bis(2-Chloroethyl)ether	7.11	93	513	0.19	ng	# 20
21) Pentachlorophenol	16.79	266	30	0.22	ng	96
31) Bis(2-ethylhexyl)phthalate	21.20	149	6278	2.19	ng	# 98

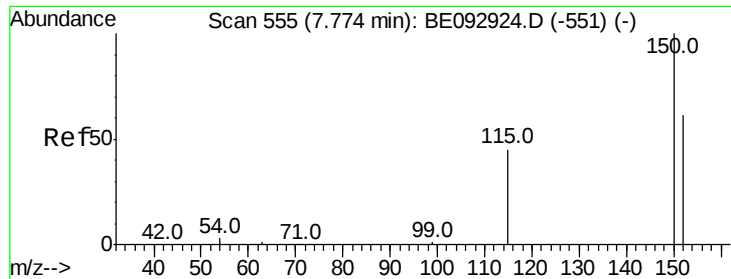
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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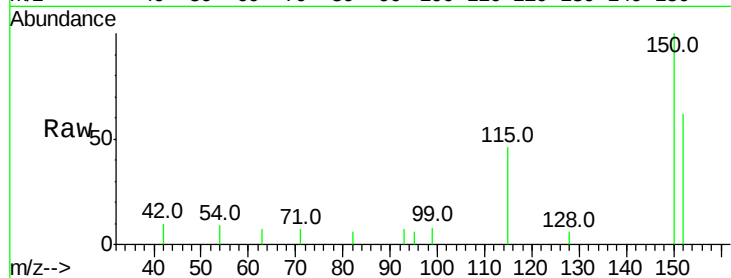


#1

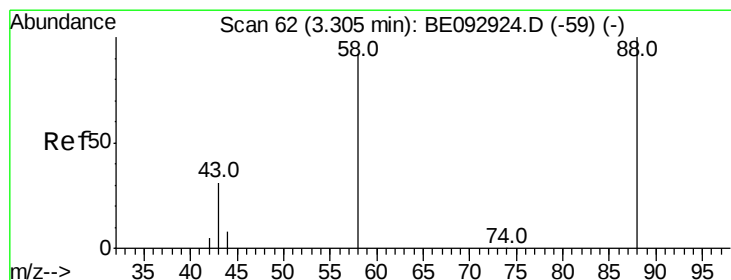
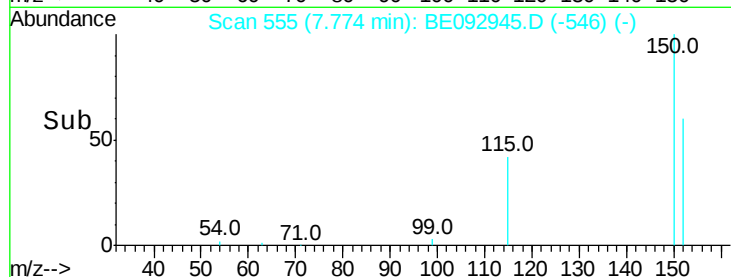
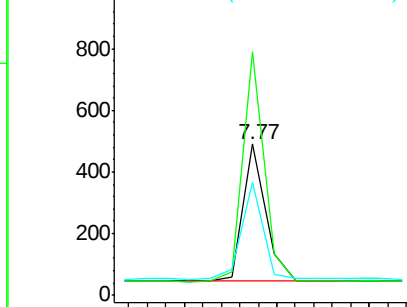
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092945.D
Acq: 6 May 2017 00:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 161.2 129.9 194.9
115 74.9 62.6 93.8



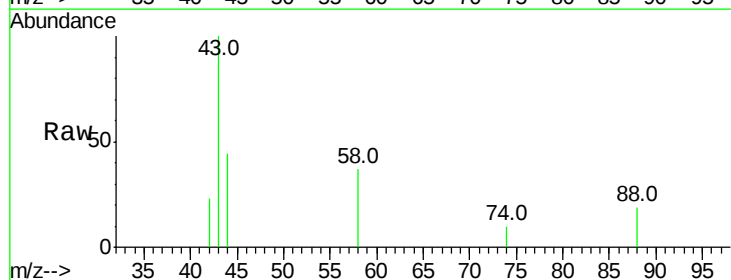
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



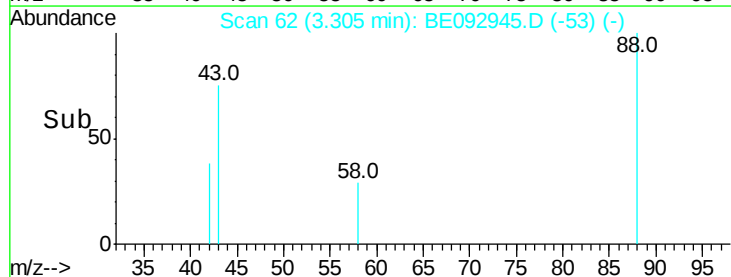
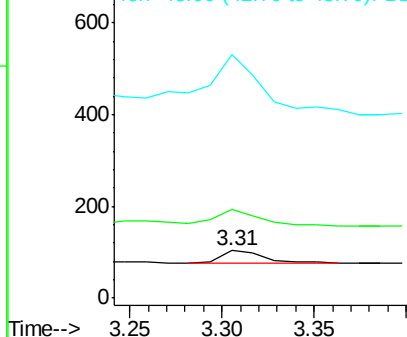
#2

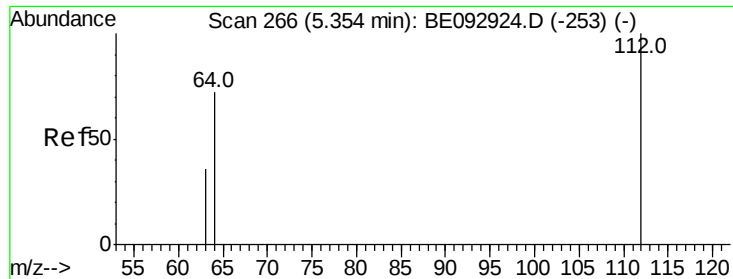
1,4-Dioxane
Concen: 0.03 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092945.D
Acq: 6 May 2017 00:45

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 146.3 64.9 97.3#
43 604.9 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Instrument :

BNA_E

ClientSampleId :

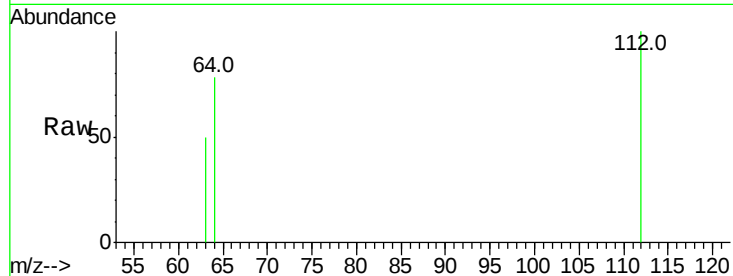
Tot Ion:112 Resp: 341

Ion Ratio Lower Upper

112 100

64 69.8 52.6 79.0

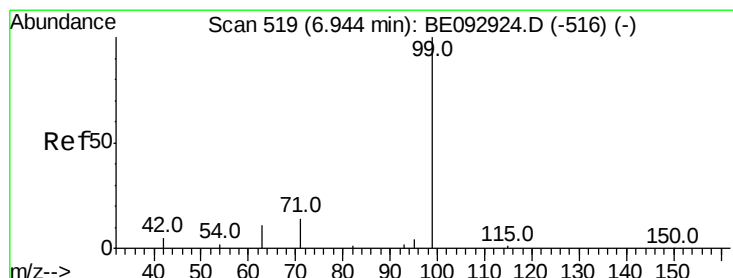
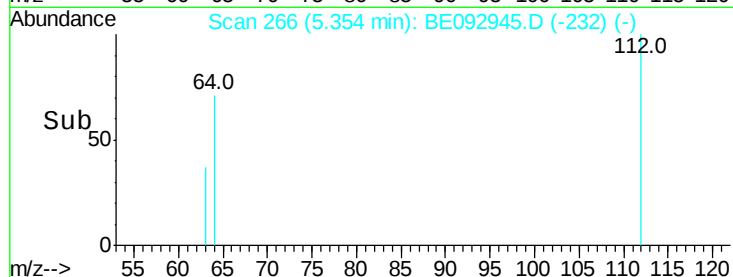
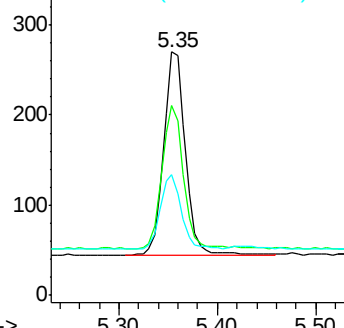
63 0.0 29.0 43.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.13 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

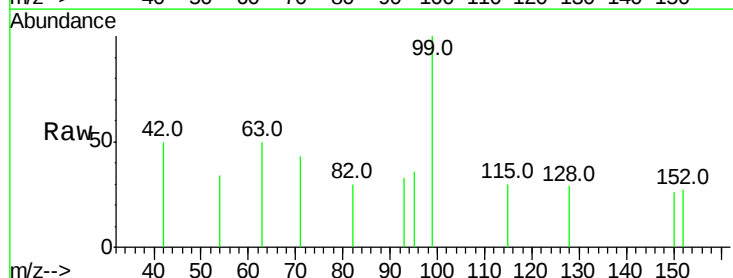
Tgt Ion: 99 Resp: 296

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

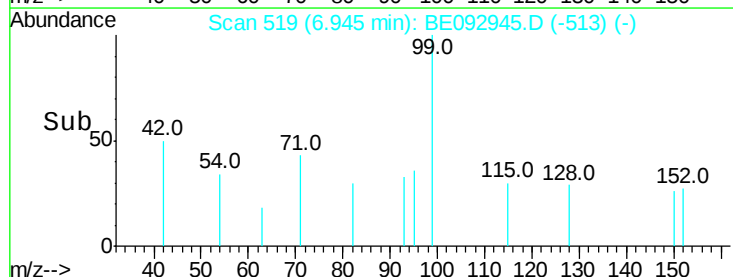
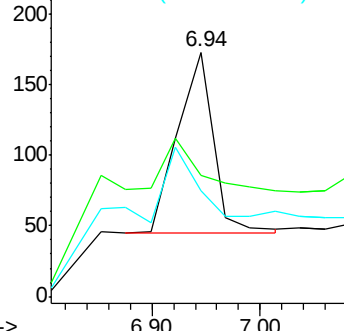
71 0.0 0.0 0.0

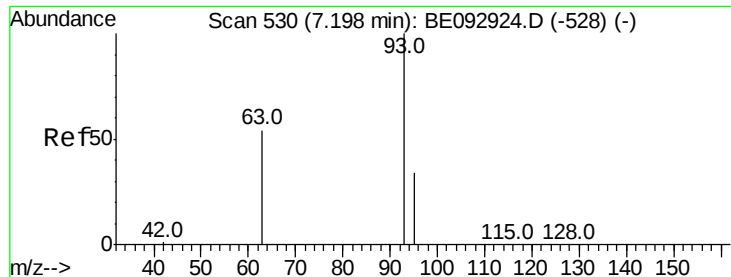


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.19 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Instrument :

BNA_E

ClientSampleId :

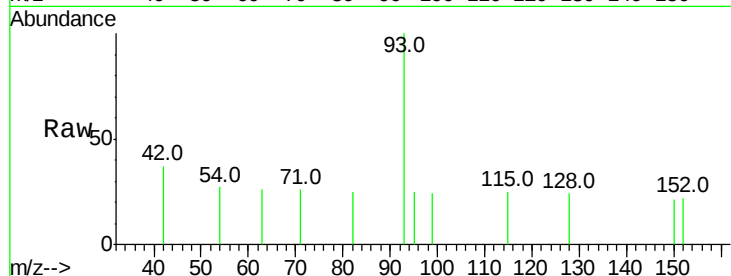
Tot Ion: 93 Resp: 513

Ion Ratio Lower Upper

93 100

63 0.0 61.2 91.8#

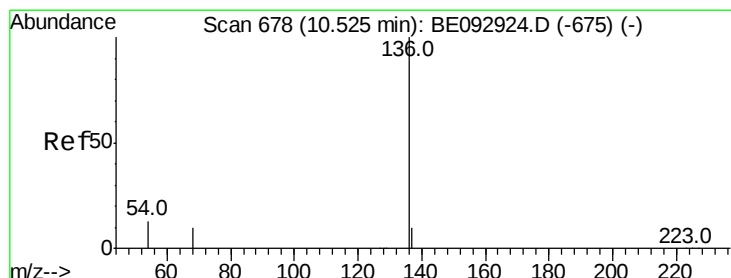
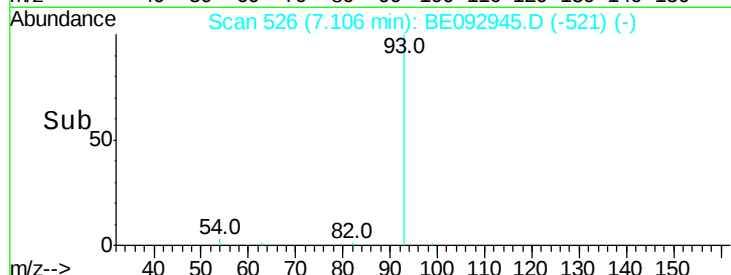
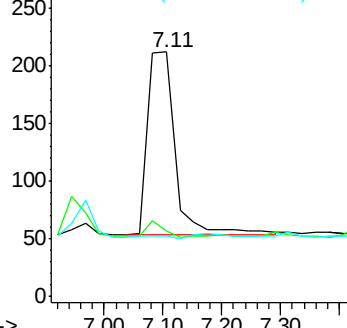
95 0.0 25.5 38.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Tgt Ion:136 Resp: 3119

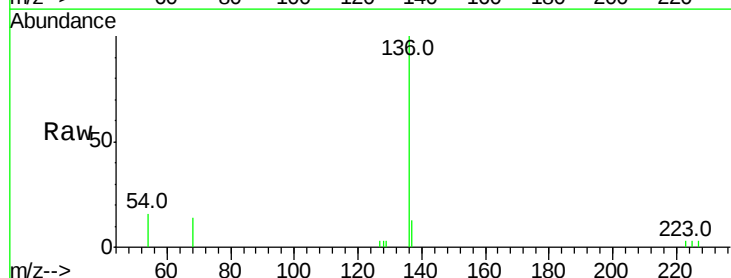
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 15.7 12.6 18.8

68 13.5 10.7 16.1

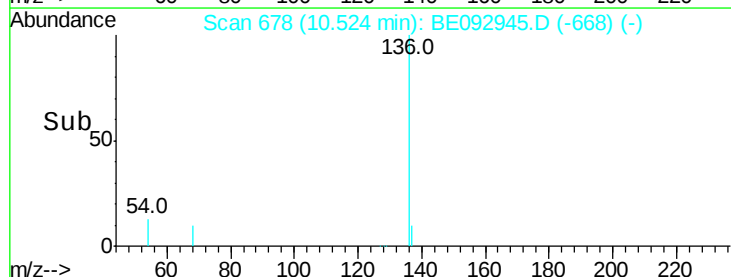
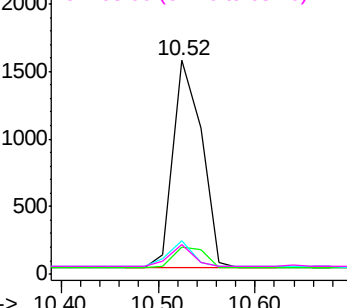


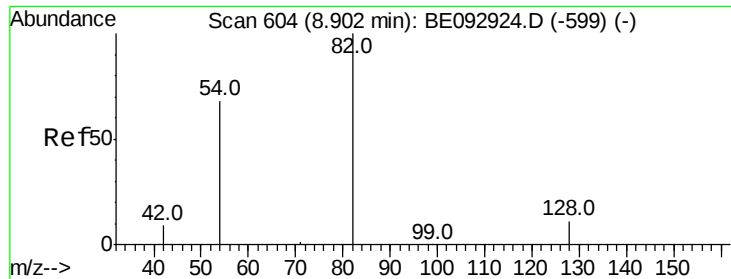
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.42 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Instrument :

BNA_E

ClientSampleId :

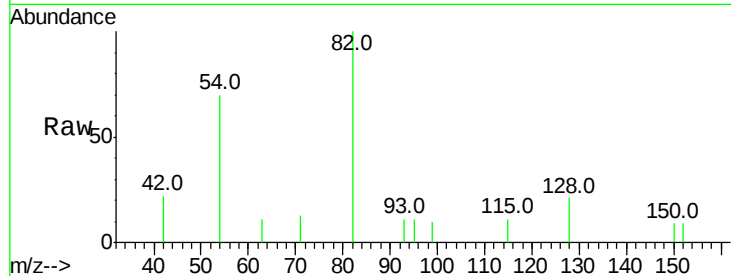
Tot Ion: 82 Resp: 879

Ion Ratio Lower Upper

82 100

128 21.1 35.3 52.9#

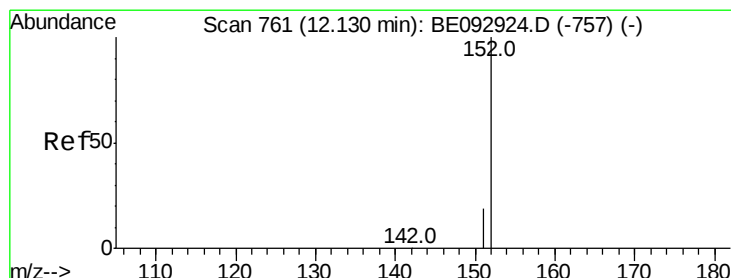
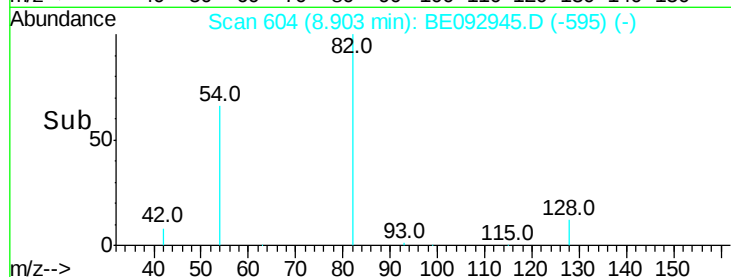
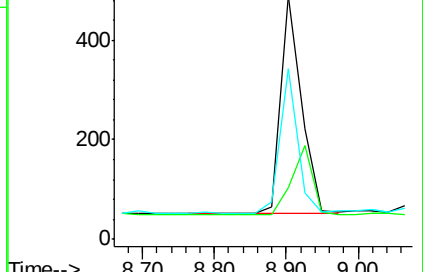
54 69.9 65.1 97.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092945.D

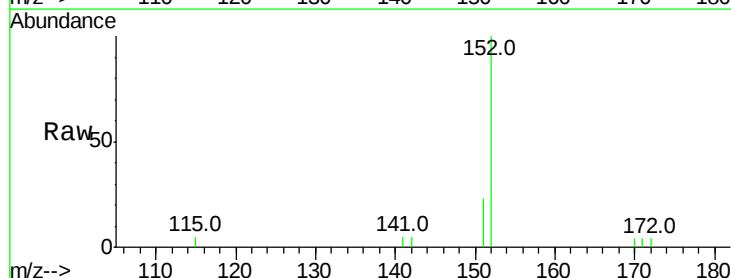
Acq: 6 May 2017 00:45

Tgt Ion: 152 Resp: 1789

Ion Ratio Lower Upper

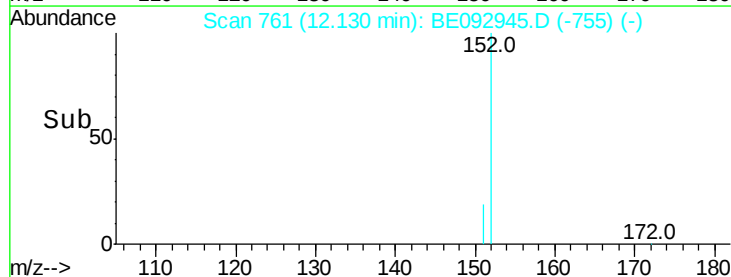
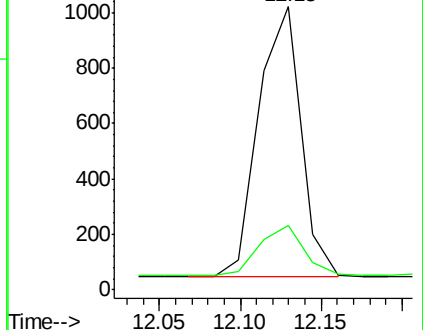
152 100

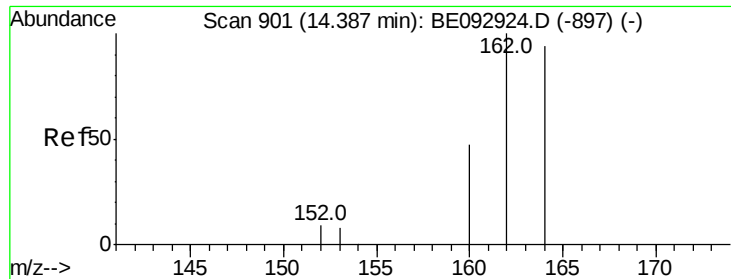
151 19.2 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Instrument :

BNA_E

ClientSampled :

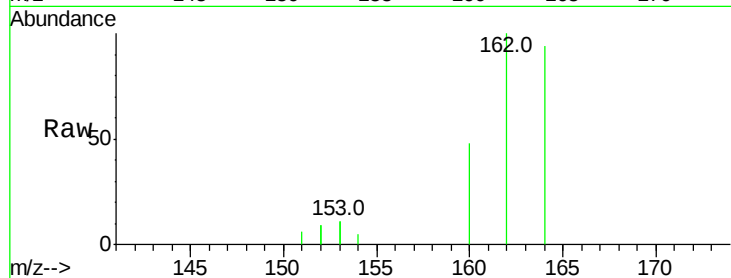
Tot Ion:164 Resp: 1508

Ion Ratio Lower Upper

164 100

162 106.1 86.6 130.0

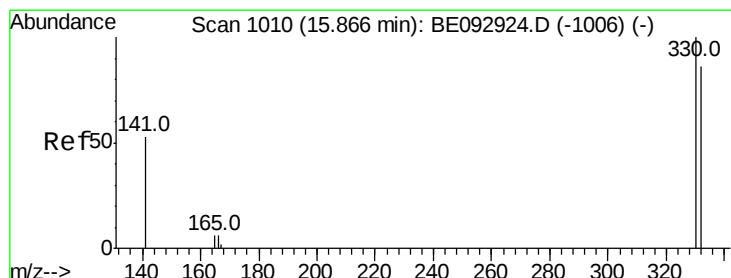
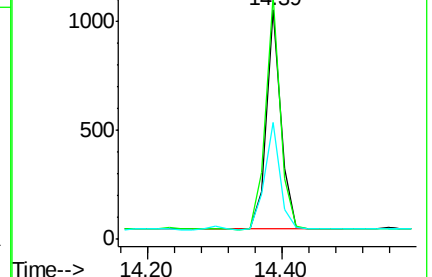
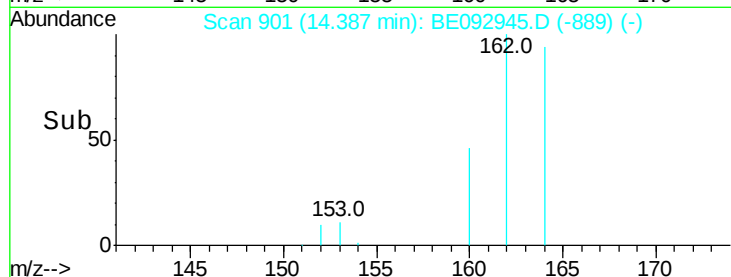
160 51.2 44.5 66.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.64 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

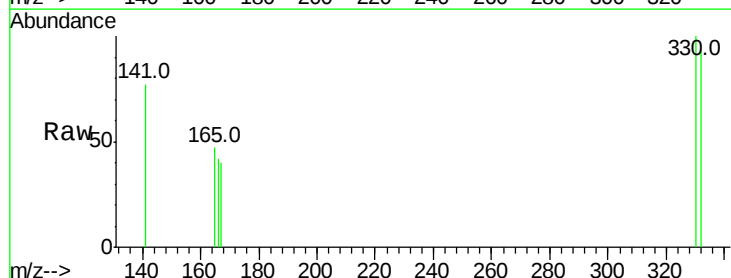
Tgt Ion:330 Resp: 151

Ion Ratio Lower Upper

330 100

332 94.7 69.1 103.7

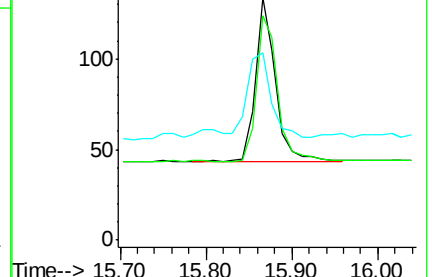
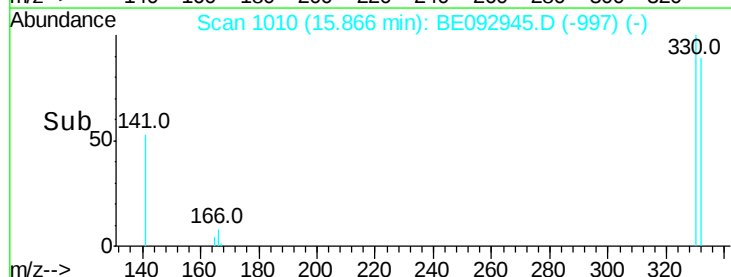
141 66.9 54.6 81.8

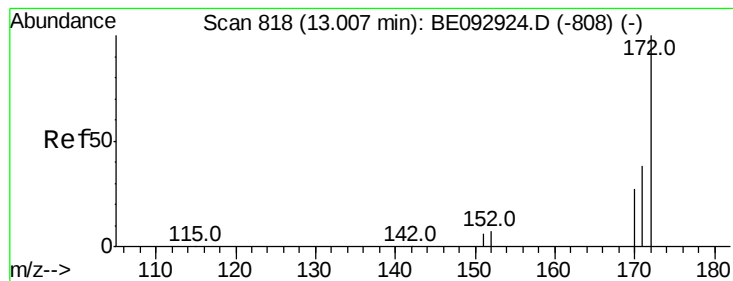


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.40 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

Instrument :

BNA_E

ClientSampleId :

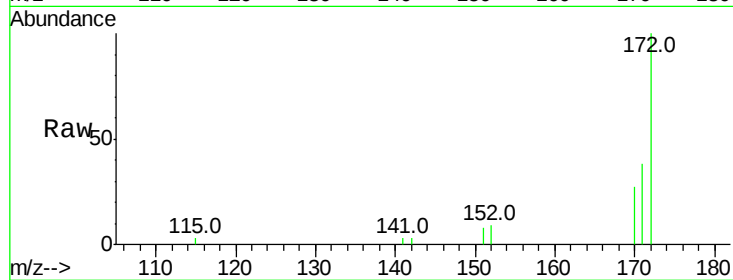
Tot Ion:172 Resp: 2788

Ion Ratio Lower Upper

172 100

171 37.8 35.8 53.6

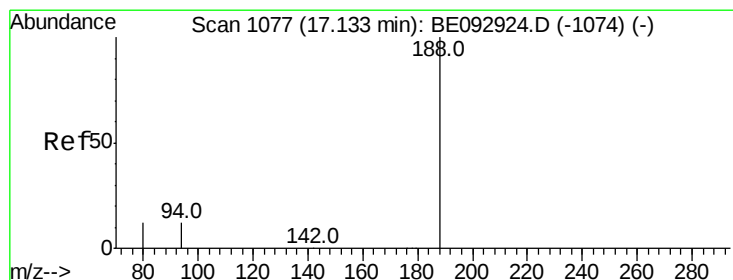
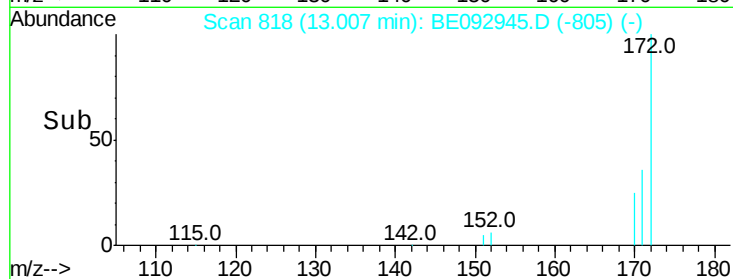
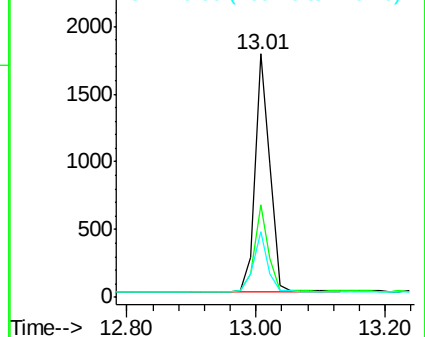
170 26.9 28.5 42.7#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092945.D

Acq: 6 May 2017 00:45

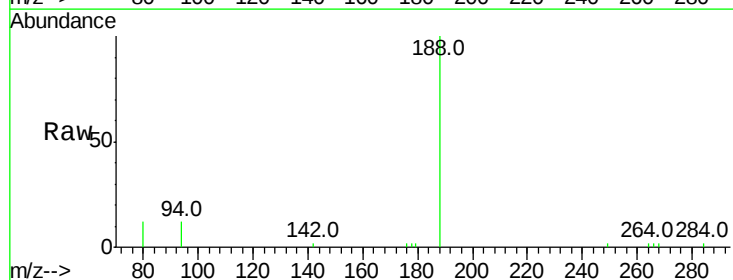
Tgt Ion:188 Resp: 4057

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

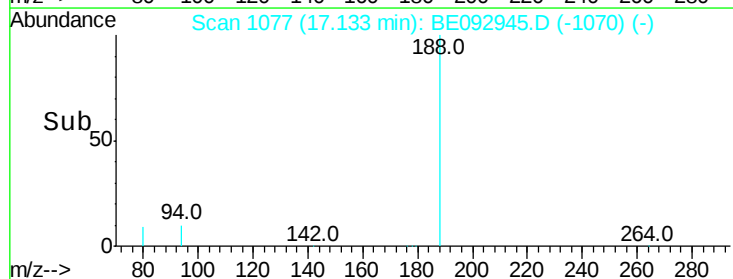
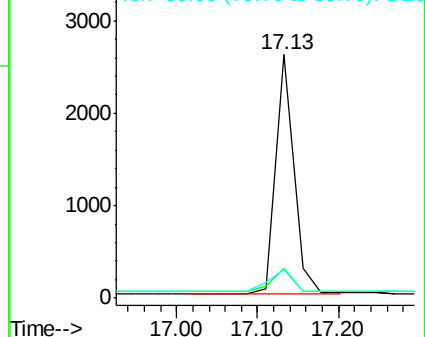
80 11.9 10.6 15.8

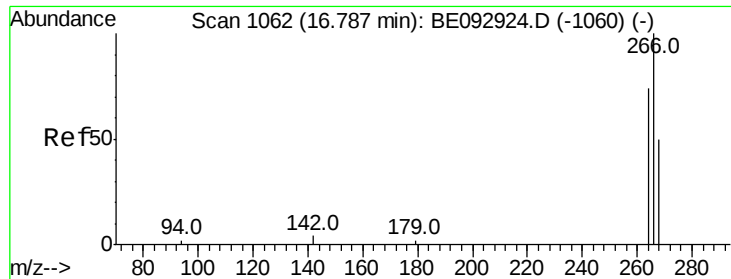


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

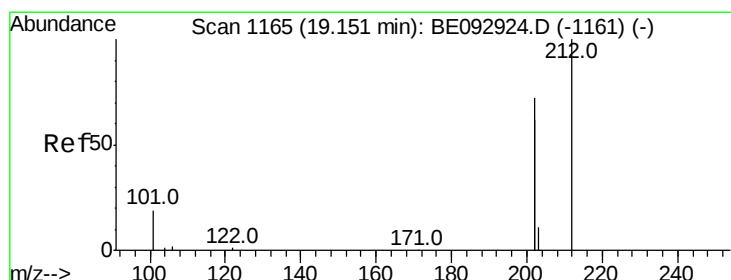
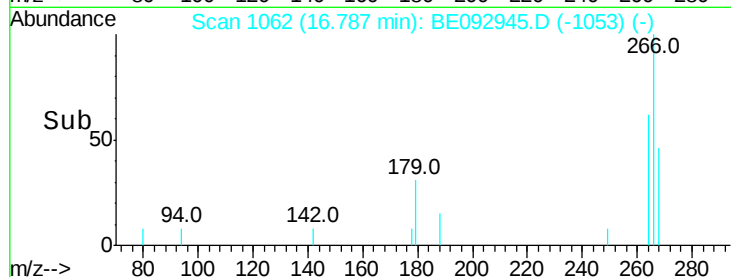
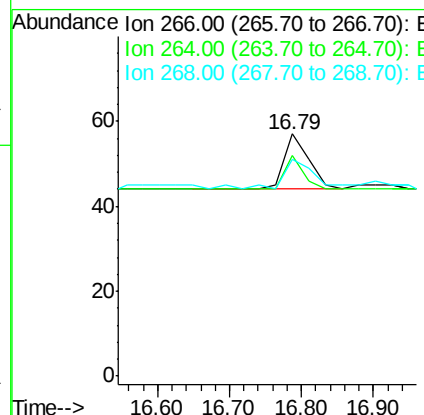
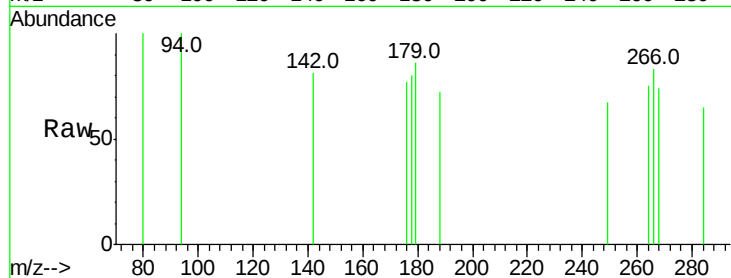




#21
 Pentachlorophenol
 Concen: 0.22 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE092945.D
 Acq: 6 May 2017 00:45

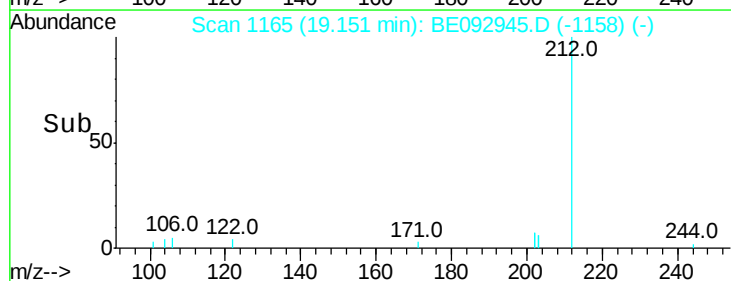
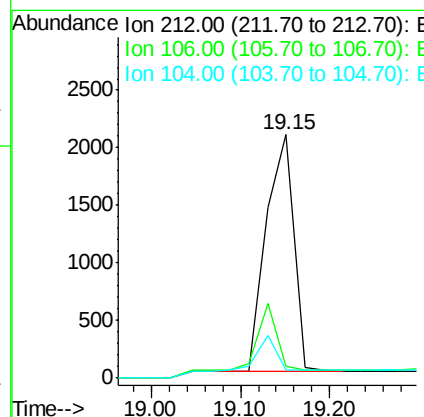
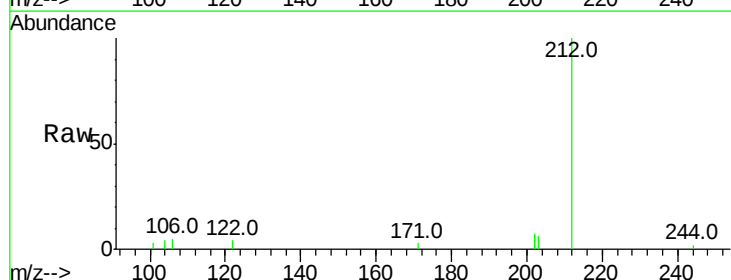
Instrument :
 BNA_E
 ClientSampleId :

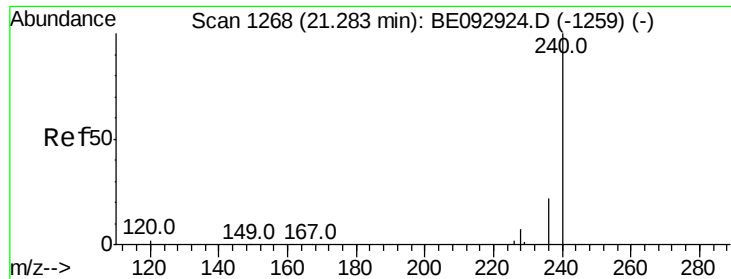
Tot Ion:266 Resp: 30
 Ion Ratio Lower Upper
 266 100
 264 91.2 75.4 113.2
 268 89.5 75.4 113.2



#24
 Fluoranthene-d10
 Concen: 0.47 ng
 RT: 19.15 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BE092945.D
 Acq: 6 May 2017 00:45

Tgt Ion:212 Resp: 4440
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0

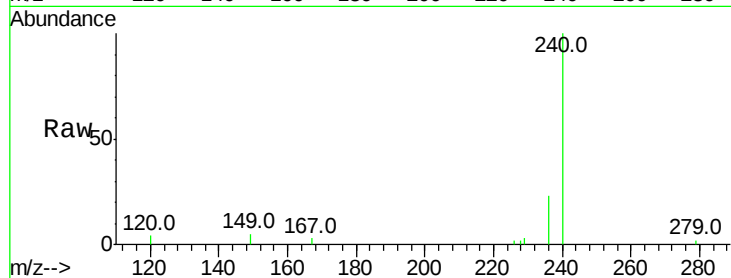




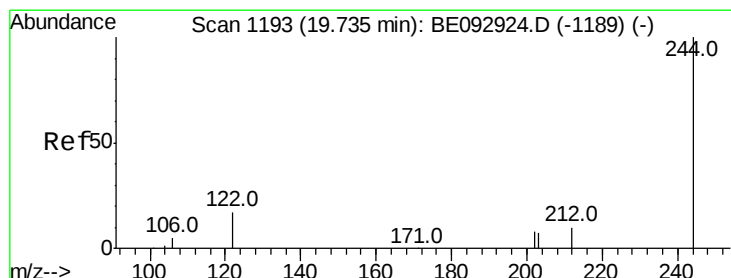
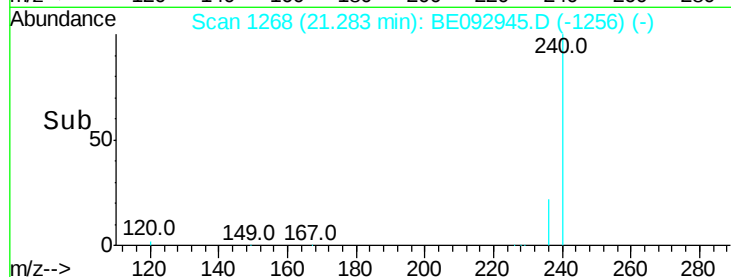
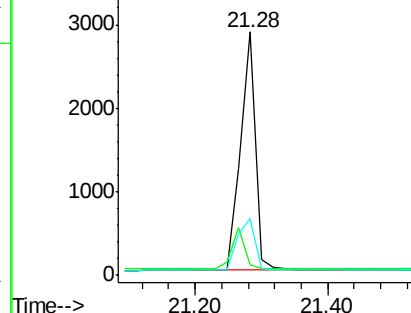
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092945.D
Acq: 6 May 2017 00:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 4477
Ion Ratio Lower Upper
240 100
120 4.3 4.6 6.8#
236 23.4 19.8 29.8

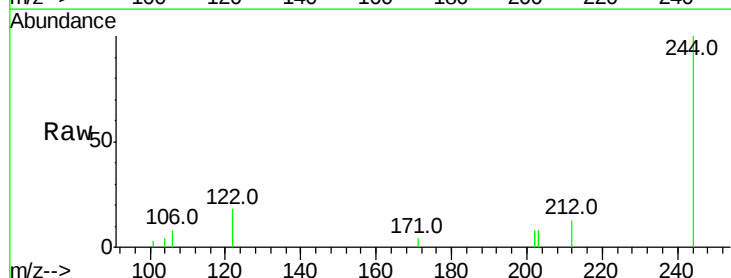


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

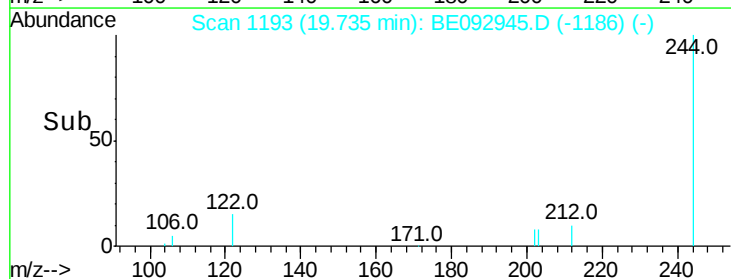
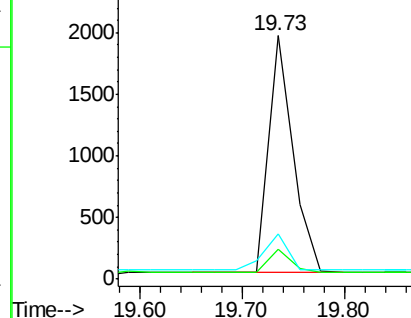


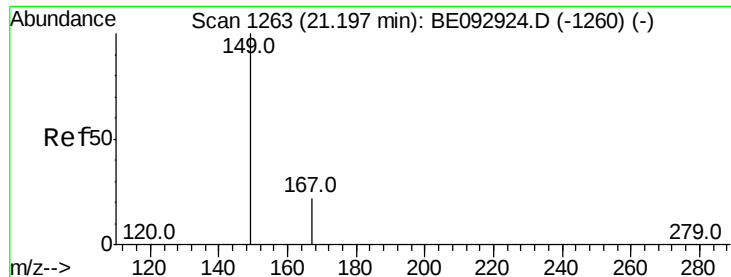
#28
Terphenyl-d14
Concen: 0.40 ng
RT: 19.73 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092945.D
Acq: 6 May 2017 00:45

Tgt Ion:244 Resp: 3141
Ion Ratio Lower Upper
244 100
212 12.5 18.4 27.6#
122 18.4 23.3 34.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

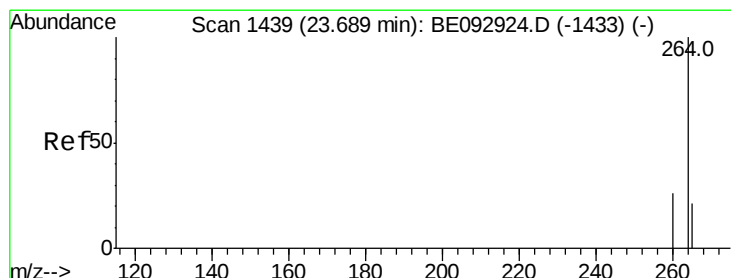
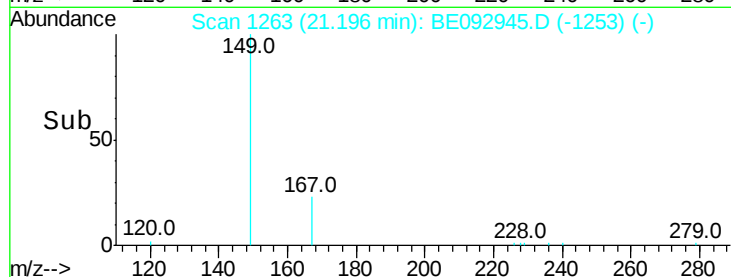
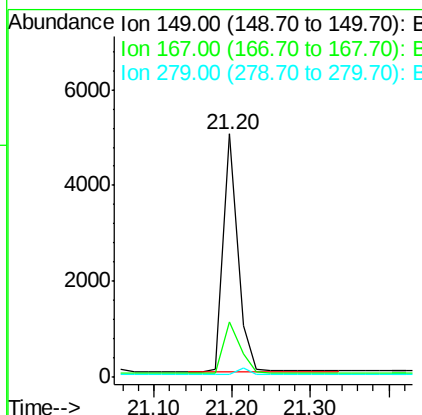
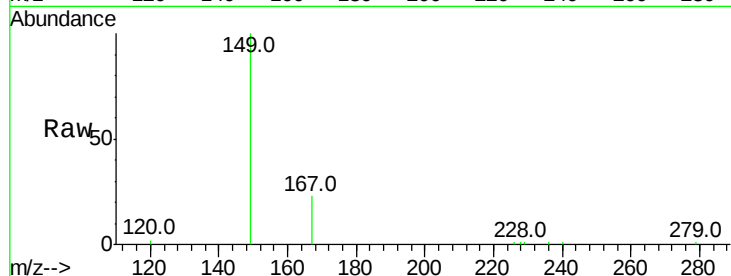




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 2.19 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092945.D
 Acq: 6 May 2017 00:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 6278
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.9 31.3
 279 2.8 0.0 0.0#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092945.D
 Acq: 6 May 2017 00:45

Tgt Ion:264 Resp: 4003
 Ion Ratio Lower Upper
 264 100
 260 27.8 23.5 35.3
 265 26.7 27.2 40.8#

